**Objectives**:

1. Calculate the density of liquids.
2. Calculate the density of solid objects.

**Procedure**:

1. Gather materials
2. Complete measurements
3. Record measurements in table
4. Calculate densities

example:

D = m

V

D= 10 g

20 ml

D = 0.5 g/ml

1. Clean station
2. Hand in lab sheet
3. Sit at station

|  |  |  |  |
| --- | --- | --- | --- |
| **Matter** | **20 ml** | **30 ml** | **40 ml** |
| Water | D = m  V  D= \_\_\_      D = | D = m  V  D= \_\_\_    D = | D = m  V  D= \_\_\_    D = |
| Salt Water | D = m  V  D= \_\_\_    D = | D = m  V  D= \_\_\_    D = | D = m  V  D= \_\_\_    D = |
| Oil | D = m  V  D= \_\_\_      D = | D = m  V  D= \_\_\_    D = | D = m  V  D= \_\_\_    D = |

|  |  |  |  |
| --- | --- | --- | --- |
| **Matter** | **Mass** | **Volume** | **Density** |
| Wood Block |  |  | D = m  V  D= \_\_\_    D = |
| Metal Block |  |  | D = m  V  D= \_\_\_    D = |
| Rock |  |  | D = m  V  D= \_\_\_    D = |